



SABIT GROUP PROGRAM

METALS AND MINERALS MINING FOR CENTRAL ASIA

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DELEGATE BIOGRAPHIES

Alexandr A. Danilenko

General Director
Oriental Co., Ltd.
Almaty, Kazakhstan

Mr. Danilenko has over 30 years of mining experience. In 1993 he founded Oriental, Ltd., the first engineering firm at the time that processed and treated ores and metallurgical waste products. As the Founder and General Director of the company, he is involved in the development of new technologies and processes, and their subsequent implementation in the mining facilities. At the present time, Mr. Danilenko is concentrating on technologies related to Si, Ni, and Co processing. Additionally, he believes that technologies that can efficiently process Au, Ti, Zr, Ba, Mn, Fe, Ta, Nb, and Cu ores offer the best commercial opportunities for American companies. Mr. Danilenko also serves as a "lender's engineer" for project finance feasibility studies, and owns 39 patents.

Yerkin A. Kaldarbekov

Design Engineer
YuzhPoliMetal
Shymkent, Kazakhstan
<http://www.lead.kz/eng>

YuzhPoliMetal is one of the largest metal ore processing plants in Kazakhstan, specializing in lead and rare metals. Mr. Kaldarbekov designs new equipment and technology to enhance the performance of the processing plant. In particular, Mr. Kaldarbekov is interested in learning how to extract zinc from lead slags, of which his company has a great abundance. Additionally, he is interested in coke-saving technologies for use in extracting lead from lead dust. The plant went through a modernization in 1975, therefore he is ready to recommend new equipment, processing technologies, and environmental technologies to upper management. He speaks English.

Serik A. Kaliyev, Ph.D.

Deputy Director
Kunayev Institute of Mining
Almaty, Kazakhstan

The Kunayev Institute of Mining is a research and development facility of the Kazakhstan National Center of Complex Processing of Mineral Raw Materials. Dr. Kaliyev is a laureate of Kazakhstan's Satpaev Prize, the premier technical sciences honor in the country. He supervises all research activities within the institute. He is particularly interested in the development of mining sites that have difficult conditions for ore recovery. Additionally, he is interested in investigating the feasibility of small-scale mining enterprises to enhance economic development for the country. He would like to become familiar with new technologies in ore processing, underground mining innovations, and best practices in the mining industry.

Tatyana Y. Kovylna

Technologist
Semgeo
Semipalatinsk, Kazakhstan

Semgeo is a publicly traded company that searches, explores, and processes gold and gold-containing ores in northeastern Kazakhstan. Ms. Kovylna supervises and monitors gold heap leaching operations at the Balazhal site. She would like to learn more about new technical and environmental advances in heap leaching methodologies. Additionally, techniques on extracting platinum from ores would be valuable to her, as her company currently lacks the expertise and capabilities in processing platinum, as well as nickel. Finally, she would like to learn how mining companies in the United States manage operations in extreme climate conditions.





Serik Mussurmankulov

Laboratory Head, Underground Ore Deposit Development
Eastern Mining and Metallurgical Research Institute
Ust-Kamenogorsk, Kazakhstan
<http://vcm.ukg.kz/eng/>

The Eastern Mining and Metallurgical Research Institute (VNIITSVETMET) is a research and development facility of the Kazakhstan National Center of Complex Processing of Mineral Raw Materials. The Institute introduces new methodologies, processes, and procedures that have been commercialized and used throughout the world. Recently, the Institute has licensed technology for Kivcet zinc smelters that are used in Kazakhstan, Canada, Italy, and Bolivia. Mr. Mussurmankulov is primarily concerned with the development and application of new technologies related to underground mining and deposit development. He is interested in fostering the development of small-scale mining enterprises. During his stay in the United States, he wants to see American solutions in underground mining equipment and methodologies in mineral auditing, consulting, and investing.

Sergey P. Sidoikin

Deputy Director, Capital Construction Projects
Karagandanerud
Karaganda, Kazakhstan

Karagandanerud is primarily focuses on industrial minerals production but is currently diversifying into base and precious metal production. The company currently processes zinc, gold, silver, and has geologically confirmed prospects for additional reserves of manganese, copper, and lead. Mr. Sidoikin is a project manager at Karagandanerud, responsible for all construction and capital improvements related to the macadam quarries, including the construction of new mining sites to retrieve manganese, copper, and lead. He is interested in learning about mine construction, tunnel construction, mineral processing and waste management practices, as well as become acquainted with new technologies.

Nurbek M. Kaldarbekov

Chief of Material and Technical Procurement Division
Kyrgyzaltyn
Bishkek, Kyrgyz Republic
<http://www.kyrgyzaltyn.kg/eng.php>

Kyrgyzaltyn is a vertically integrated corporation, producing over 97% of all gold in the Kyrgyz Republic, up to 20 tons on an annual basis. Currently, the company is developing full-scale operations on two new sites, with gold reserves projected to be 75 tons. Mr. Kaldarbekov is a technical engineer responsible for introducing new technologies and equipment in Kyrgyzaltyn. As a result, he considers new technologies related to gold extraction techniques (from sulphide ores in particular) and heap leaching to be priority for the corporation. Currently Kyrgyzaltyn does not use heap-leaching methods but is looking to adapt this and other ore processing technologies. He also wants to become acquainted with American safety standards, environmental technologies, and reclamation processes.

Almaz K. Kojonov

Processing Engineer and Chief Metallurgist
Kichi-Chaarat, a subsidiary of Eurasian Minerals, Inc.
Bishkek, Kyrgyz Republic
<http://www.eurasianminerals.com/s/KuruTegerek.asp>

Mr. Kojonov is responsible for identifying and designing metallurgical processes to remove gold and copper from ore. Kichi-Chaarat has currently identified gold and copper reserves in pre-feasibility studies at the Kuru-Tegerek deposit in northwest Kyrgyzstan. The deposit is considered a substantial asset for continued exploration. At the moment, the ores have a high presence of copper, which will affect gold recovery activities. The ore at the deposit site is particularly difficult to treat, therefore Mr. Kojonov is interested in finding new methodologies and technologies to facilitate this process. His goal is to find techniques that will allow gold and copper extraction in the most economically feasible manner. Mr. Kojonov would like to observe ore process technologies such as floatation and gravity extraction, electroleaching, and direct cyanidation. He speaks English.



**Andrey N. Pikhota**

Crew Chief

South-Kyrgyz Geological Expedition (SKGE)

Osh, Kyrgyz Republic

http://www.kgs.bishkek.gov.kg/skge_eng.htm

The South-Kyrgyz Geological Expedition (SKGE) is a state enterprise under the Agency for Geological and Mineral Resources of the Kyrgyz Republic. SKGE offers services for companies (domestic and international) that include geological prospecting, mapping, exploration, and mining. It also has a mineral resources design team and exploration team. Mr.

Pikhota is the manager of the exploration crew, where he manages and designs exploration activities in open pit mines.

He is interested in observing new technologies and new equipment.

Shomagzum M. Marufshoev

Chief Engineer

Pamir Geological Exploration Expedition

Dushanbe, Tajikistan

The Pamir Geological Exploration Expedition is a state enterprise managed by the Tajik geological agency TajikGlavGeologia. Mr. Marushoev, as the chief engineer, oversees and is responsible for projects related to exploring, prospecting, and mining in the Pamir territory in Tajikistan.

Bakhtiyor M. Sharipov

Head, Non-Ferrous Metals and Metallurgy Department

Ministry of Industry of the Republic of Tajikistan

Dushanbe, Tajikistan

All mining activities in Tajikistan are managed and licensed by the Department of Non-Ferrous Metals and Metallurgy in the Ministry of Industry. Mr. Sharipov oversees five state mining operations in the country, and is responsible for their technical capabilities and access to new equipment. He is interested in learning about American approaches and solutions in mine planning and design, taxation, minerals extraction, and electrometallurgy and floatation.

Latif R. Sharofov

Technical Director

Oriyon, LLC

Panjakent, Tajikistan

Oriyon is a privately held drilling and tunneling company.

Presently, Mr. Sharofov is overseeing the construction of underground tunnels at the Anzob mine site. He would like to see American approaches to mine site development, American equipment and machinery, and technological advances. Underground mine construction and safety are also of interest.

Barno S. Sulaymonova

Chief Surveyor

Aprelevka, LLC

Sugd, Tajikistan

Aprelevka explores and processes gold and silver bearing ore from three major deposits: Aprelevka, Burgunda, and Ikkijelon. It also has activities in five additional minor sites. The Aprelevka deposit reportedly holds about 20 tons of gold reserves. Ms. Sulaymonova leads the surveying division of the company. She wants to observe American surveying techniques and see which software tools are most preferred.

Dilshot H. Atabaev

Chief, Research Geophysics Laboratory

National University of Uzbekistan

Tashkent, Uzbekistan

Mr. Atabaev is Chief of the Geophysics Lab at the National University, where he oversees and manages research in regional geophysics, exploratory works and lectures on geophysics, seismology, and geodynamics. Mr. Atabaev, also holds the position of General Manager for seismic research in the National Geophysics Company Uzbekgeofizika. In this position, Mr. Atabaev works on mining operations including regional geophysics and exploratory work, and identifying seismic zones. He is interested in learning about new approaches in geophysical research, mining management and economics, new technologies associated with exploration, and mine reclamation.



**Vadim N. Bychkov**

Chief Geologist

Navoi Mining and Metallurgical Combine, Central Mining

Administration at Muruntau

Zarafshan, Uzbekistan

<http://www.ngmk.uz/en/Main.htm>

Mr. Bychkov oversees geological surveys at the Central Mining Administration of the Navoi Mining Combine, which is responsible for developing the Muruntau mine, in cooperation with the Zarafshan-Newmont Joint Venture. At the Muruntau location sub-economic and low-grade gold ore from the mine are processed. The Central Mining Administration coordinates the main activities in Muruntau, including gold mining, gold ore processing at its hydrometallurgical plant and waste dump formation. The Administration is also responsible for improving technologies for the development of Muruntau open pit and continued evaluation of mineral reserves. During his visit to the United States he is interested in learning about advances in geological surveys, mining automation, and underground mining.

